



PATENT
Attorney Docket No. 020804

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : BUILDING CONSTRUCTION COMPONENTS
Beck et al. AND METHODS

Group Art Unit No. :
3635

Serial No.: 10/823,449 : Filing Date: April 13, 2004

SECOND INFORMATION DISCLOSURE STATEMENT

Pittsburgh, Pennsylvania 15222

December 9, 2004

Mail Stop Amendment
Commissioner for Patents
Box 1450
Alexandria, VA 22313-1450

Sir:

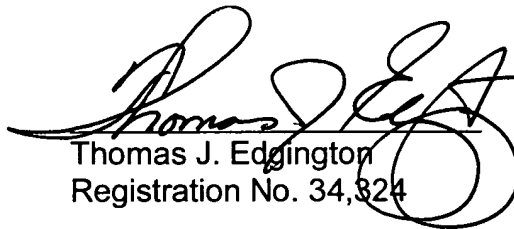
The Assignee of the entire right, title and interest in and to the above-captioned application (hereinafter referred to as the "Applicant"), in accordance with the duty of disclosure pursuant to 37 C.F.R. § 1.56, hereby advises the United States Patent and Trademark Office of the references listed on the accompanying form PTO/SB/08A and PTO/SB/08B (substitute for 1449A/PTO) *Information Disclosure Statement by Applicant*. Pursuant to the August 5, 2003 Notice in the Official Gazette, Applicant is not herewith enclosing copies of the cited U.S. patent Publication or cited U.S. Patents.

Applicant is herewith enclosing copies of all foreign patent documents cited in the accompanying form. English translations are included for the cited Japanese

references; the other foreign references are in the English language.

Applicant notes that although the cited references may be relevant to the examination of the above-referenced application, under 37 C.F.R. § 1.97(h), the filing of this *Information Disclosure Statement* "shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b)."

Respectfully submitted,

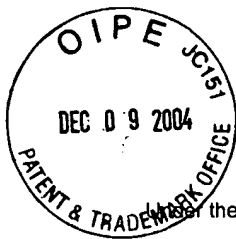


Thomas J. Edgington
Registration No. 34,324

Attorney for Applicant

Kirkpatrick & Lockhart LLP
Henry W. Oliver Building
535 Smithfield Street
Pittsburgh, Pennsylvania 15222-2312

(412) 355-8303
(412) 355-6501 (FAX)



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/823,449		
		Filing Date	April 13, 2004		
		First Named Inventor	Beck		
		Art Unit	3635		
Examiner Name					
Sheet	1	of	3	Attorney Docket Number	020804

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-2004-0074178-A1	4/2004	Daudet et al.	
		D423,325	4/2000	Liss, George Louis	
		1,682,202	8/1928	Vaughn	
		2,145,407	1/1939	Soule	
		2,185,475	1/1940	Rafter	
		2,966,708	1/1961	Freeman, Jr.	
		3,083,794	4/1963	Stovall, Jr.	
		3,668,828	6/1972	Nicholas et al.	
		3,717,964	2/1973	Brown et al.	
		3,845,601	11/1974	Kostecky, James F.	
		3,908,328	9/1975	Nelsson	
		4,016,700	4/1977	Blomstedt	
		4,058,941	11/1977	Zakrzewski et al.	
		4,075,810	2/1978	Zakrzewski et al.	
		4,078,347	3/1978	Eastman et al.	
		4,197,952	4/1980	De Fouw et al.	
		4,288,958	9/1981	Chalmers et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		CA - 2,077,170	3/1994			
		JP - 6-49908	2/1994			
		JP - 9-4067	1/1997			
		CA - 1,192,015	8/1985			

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, VA 22313-1450.

PI-1276735 v1 0174010-0233

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/823,449
				Filing Date	April 13, 2004
				First Named Inventor	Beck
				Art Unit	3635
				Examiner Name	
Sheet	2	of	3	Attorney Docket Number	020804

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		4,551,957	11/1985	Madray	
		4,616,453	10/1986	Sheppard, Jr. et al.	
		4,688,358	8/1987	Madray	
		4,761,928	8/1988	Pichette	
		4,793,113	12/1988	Bodnar	
		4,866,899	9/1989	Houser	
		4,909,007	3/1990	Bodnar	
		4,918,899	4/1990	Karytinis	
		5,207,045	5/1993	Bodnar	
		5,313,752	5/1994	Natzinikolas	
		5,353,560	10/1994	Heydon	
		5,394,665	3/1995	Johnson	
		5,412,919	5/1995	Pellock et al.	
		5,426,906	6/1995	McCracken	
		5,527,625	6/1996	Bodnar	
		5,592,848	1/1997	Bodnar	
		5,596,859	1/1999	Horton et al.	

[illegible]

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Commissioner for Patents, Alexandria, VA 22313-1450.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/823,449
				Filing Date	April 13, 2004
				First Named Inventor	Beck
				Art Unit	3635
				Examiner Name	
Sheet	3	of	3	Attorney Docket Number	020804

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		5,687,538	11/1997	Frobosilo et al.	
		5,687,538	11/1997	Frobosilo et al.	
		5,689,922	11/1997	Daudet	
		5,857,306	1/1999	Pellock	
		5,956,916	9/1999	Liss, George Louis	
		6,131,358	10/2000	Wise Michael A.	
		6,301,854	10/2001	Daudet et al.	
		6,354,055	3/2002	Shaw et al.	
		6,418,694	7/2002	Daudet et al.	
		6,691,478	2/2004	Daudet et al.	
		6,739,105	5/2004	Fleming, John Joseph	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, VA 22313-1450.